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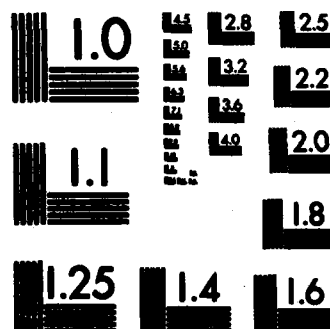
POSTS AND TELECOMMUNICATIONS(U) FOREIGN TECHNOLOGY DIV
WRIGHT-PATTERSON AFB OH 27 SEP 83 FTD-ID(RS)T-8679-83

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POSTS AND TELECOMMUNICATIONS



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V. POSTS AND TELECOMMUNICATIONS

(5) The production of Chicom's Posts and Telecommunications Plant No. 519. The Shanghai Posts and Telecommunications Equipment Plant (i.e., Posts and Telecommunications Plant 519) was established in 1949 under the main corporation of the Chinese communist Posts and Telecommunications industry. It was changed from the East China (Hua Dong) Posts and Telecommunications Equipment Plant. It is now located at 700 Yishan Lu, Shanghai and has over 2400 workers, over 400 engineers and technical personnel and has two branch plants, eleven shops, four laboratories, and occupies 120,000 square meters, with a factory area of 70,000 square meters.

This plant can produce long- and short distance carrier wave transmitting units, PCM digital transmitting units, optical cable communications equipment, transmission testers, and telegraph and computer terminals. Four thousand transmitter terminals, 5000 voice channel systems, 2500 instruments, and 5 million various types of components can be produced per year. The facilities are presently being expanded and after the expansion is completed the production of PCM digital transmitting units will increase from 2,000 to 4,000 units, terminal transceiver units 5,000 to 10,000 units, and various components 20,000 pieces. The long-distance trunkline units and telegraph terminals produced by this plant have 70% and 90%, respectively, of the market in Communist China and are also exported to Third World countries.

The products produced by this plant are primarily the SL-374 transistorized 60 circuit carrier wave terminal unit, the SL-380 transistorized 60 circuit symmetrical cable carrier wave terminal unit, the QZ-003 teletype signal generator, the BD-477 teleprinter, the PCM digital communications unit, ferrite magnetic cores, and 60 circuit carrier wave telephone units.

(6) The Chinese Communists begin using long-distance communications tower. According to a New China News Agency wire of 28 June from Jinan, the Jinan long-distance communications pivoting tower is a component part of an 1800 circuit coaxial cable carrier wave communications project in Beijing, Shanghai and Hangzhou. The building area of this tower is over 19,000 square meters and two umbrella-shaped carrier wave antennas are mounted on its 52 meter tower. The

over 500 telegraph units installed inside the main tower are all domestically designed and built.

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